

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/010121 A1

(51) International Patent Classification⁷: C09K 11/59

(21) International Application Number:
PCT/KR2004/001838

(22) International Filing Date: 24 July 2004 (24.07.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0051306 25 July 2003 (25.07.2003) KR

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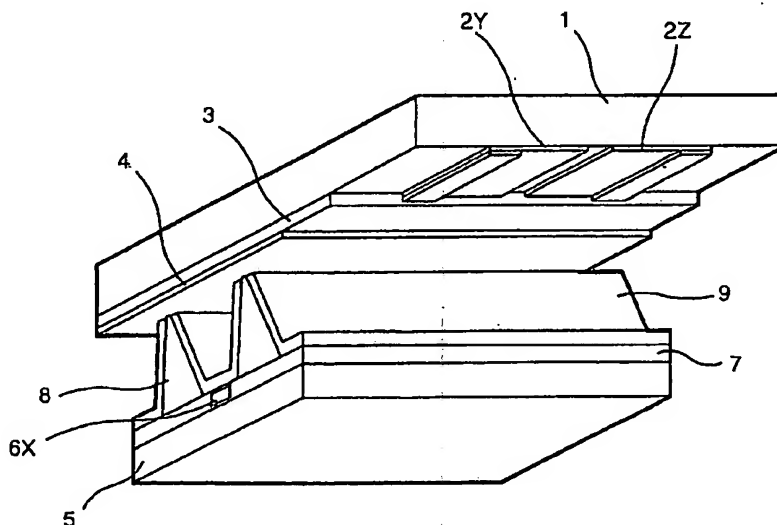
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

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(54) Title: GREEN PHOSPHOR AND PLASMA DISPLAY PANEL USING THE SAME



(57) Abstract: There is disclosed a green phosphor that is adaptive for improving its driving voltage and brightness characteristic, and at the same time, improving its color purity. A green phosphor according to an embodiment of the present invention includes a mixed phosphor composed of a first class phosphor of $Zn_2SiO_4:Mn$, a second class phosphor of at least one of $LaPO_4:Tb$, $Y_3Al_5(BO_3)_4Tb$, $Y(Al, Ga)_5O_{12}:Tb$, $YBO_3:Tb$, $(Y, Gd)BO_3:Tb$, and a third class phosphor of at least one of $BaAl_{12}O_{19}:Mn$, $BaAl_{14}O_{23}:Mn$, $Ba(Sr, Ma)AlO:Mn$, and the mixing rate of the third class phosphor to the total weight of the mixed phosphor is 1-25 wt %.

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